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JUN 12 2006

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO. : 6,817,377

Page 1 of 2

APPLICATION NO. : 09/505,580

DATED : Nov. 16, 2004

INVENTOR(S) : Peter REIMER, Pedram SABOURI, Dennis SMITH

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

On the Cover of the Patent

Item [75], Inventors: Change "Paul Reimer" to --Peter Reimer--

In the Specification

Column 1, Line 61: Change "vacuum-pumps" to --vacuum pumps--

Column 2, Lines 27-28: Change "conventional" to --conventionally--

Column 3, Line 35: Change "throughout" to --throughput--

Column 4, Line 44: Before "integrated", change "a" to --an--

Column 7, Line 27: Change "10²" to --10⁻²--

Column 7, Line 36: Change "additional" to --addition--

Column 8, Line 28: Change "Its" to --I/s--

Column 8, Line 49: Change "94" to "194"

Column 9, Line 14: Delete the comma after "the"

Column 9, Line 22: Change "65a" to --65a-c--

Table 1: Move "FORELINE" from the secondary heading of the last column to the primary heading of the last column

Table 1: Insert --Piping-- before "losses" in the secondary heading of the last column

Table 1, Column 5, Line 2: Change "3S" to --38--

Table 1, Column 3, Line 4: Change "SO" to --80--

Table 1, Column 3, Line 7: Change "300" to --100--

Column 10, Line 18: After "rather", change "that" to --than--

MAILING ADDRESS OF SENDER (Please do not use customer number below):

Keith M. Tackett
PATTERSON & SHERIDAN, L.L.P.
3040 Post Oak Blvd., Suite 1500
Houston, TX 77056-6582

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

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DATED : Nov. 16, 2004

INVENTOR(S) : Peter REIMER, Pedram SABOURI, Dennis SMITH

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

Column 11, Lines 21 and 28: Change each instance of "10" to --110--

Column 11, Line 32: Change "ml/s²" to --m/s²--

Column 12, Line 10: Before "reducing", delete "to"

Column 13, Line 30: Change "pump" to --Pump--

Column 15, Line 32: Change "PT" to --P_T--

Column 15, Line 62: Delete "51"

Column 16, Line 9: Insert a period after "155"

Column 16, Line 33: Delete "id"

Column 18, Line 53: Change "370a,b" to --70a,b--

In the Claims

Column 19, Claim 1, Line 42: Delete "includes"

Column 19, Claim 3, Line 53: After "wherein", delete "each"

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JUN 12 2006



Atty. Dkt. No. AMAT/2981.P1/E CORE/CORE/MBE

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

This declaration is of the following type:

- original
- divisional
- continuation
- ☒ continuation-in-part

INVENTORSHIP IDENTIFICATION

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

PROCESS APPARATUS HAVING INTEGRATED PUMPING SYSTEM

SPECIFICATION IDENTIFICATION

The specification of which:

- ☒ is attached hereto
- ☐ was filed on , under Serial No. , executed on even date herewith; or
- ☐ Express Mail No.(as Serial No. not yet known)
and was amended on _____ (if applicable)
- ☐ was described and claimed in PCT International Application No. _____
filed on _____ and as amended under PCT Article 19 on _____.

ACKNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56,

and which is material to the examination of this application; namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and

- ☐ In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR §1.98.

PRIORITY CLAIM (35 U.S.C. §119)

I hereby claim foreign priority benefits under Title 35, United States Code, §119, of any provisional or foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below, and have also identified below any provisional or foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

☒ No such applications have been filed.

☐ Such applications have been filed as follows:

- A. Prior foreign/PCT application(s) filed within 12 mos. (6 mos. for design) prior to this application, and any priority claims under 35 U.S.C. §119

| <u>Country/PCT</u> | <u>Application No</u> | <u>Date Filed</u> | <u>Priority Claimed</u> |
|--------------------|-----------------------|-------------------|--|
| | | | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| | | | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| | | | <input type="checkbox"/> Yes <input type="checkbox"/> No |

- B. All foreign application(s), if any, filed more than 12 mos. (6 mos for design) prior to this U.S. application

Country:
Application No:
Filing date:

- C. U.S. Provisional Application filed within 12 months prior to this application

| <u>Serial No.</u> | <u>Filing Date</u> |
|-------------------|--------------------|
|-------------------|--------------------|

PRIORITY CLAIM (35 U.S.C. §120)

I hereby claim the benefit under Title 35, United States Code, §120, of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information that is material to the examination of this application (namely, information where there is substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application.

☐ No such applications have been filed

☒ Such applications have been filed, as follows:

| <u>Serial No.</u> | <u>Filing Date</u> | <u>Patented</u> | <u>Pending</u> | <u>Abandoned</u> |
|-------------------|--------------------|-----------------|----------------|------------------|
| 09/220,153 | 12/23/1998 | | X | |

POWER OF ATTORNEY

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

| | |
|-----------------------|-------------------------|
| Donald Verplancken | Registration No. 33,217 |
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DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec. 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Peter

Full name of first inventor:

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Inventor's signature: *Paul Reimer*

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Full name of second inventor:

PEDRAM SABOURI

Inventor's signature: *Pedram Sabouri*

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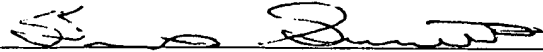
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Full name of third inventor: Dennis Smith

Inventor's signature:



Date: 2/15/00

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Country of Citizenship: U.S.A.

(Declaration ends with this page)

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